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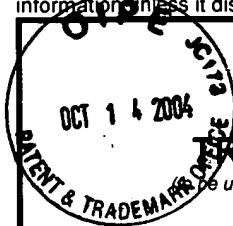
PTO/SB/21 REV 1 (12/97)

Approved for use through 09/30/2000. omb 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Application Number

10/627,293

Filing Date

07/25/2003

First Named Inventor

Gill

Examiner Name

A. Sefer

Group Art Unit

2826

Total Number of Pages in This Submission

2 + postcard

Attorney Docket Number

HSJ920030029US1

ENCLOSURES (check all that apply)

- Fee Transmittal Form
- Fee Attached
- Response to Restriction Requirement
- After Final
- Preliminary Amendment
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
 - PTO Form 1449
 - () cited references
- Certified Copy of Priority Document(s)
- Response to Missing Parts/Incomplete Application
 - PTO Form 1533
 - Response to Missing Parts Under 37 CFR 1.52 or 1.53

- Assignment w/Recordation Sheet
- Drawing(s)
- Request for Drawing Amendment
- Licensing-related Papers
- Petition Checklist and Accompanying Petition
- To Convert a Provisional Application
- Power of Attorney, Revocation
- Change of Correspondence Address
- Terminal Disclaimer

- After Allowance Communication to Group
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Additional Enclosure(s) (please identify below):
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Remarks:

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name

Ervin F. Johnston
Reg. No. 20,190

Signature

Date

October 7, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents, P.O. 1450, Arlington, VA 22313-1450 on this date: October 7, 2004

Typed or printed name

Ervin F. Johnston

Signature

Date

October 7, 2004



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Gill) Group No.: 2826
Serial No.: 10/627,293) Examiner: A. Sefer
Filed: July 25, 2003) Docket No. HSJ920030029US1
For: SPIN VALVE TRANSISTOR WITH)
SELF-PINNED ANTIPARALLEL)
PINNED LAYER STRUCTURE)

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

RESPONSE TO RESTRICTION REQUIREMENT

As required by the Examiner in the Office Action mailed 09/23/2004 the Applicant identifies claims 1-34 into Embodiments I, II and III as follows:

Embodiment I (Fig. 10): Claims 1, 2, 4-10, 15-20 and 25-30;

Embodiment II (Fig 11): Claims 1, 2, 4-6, 11-16, 21-26 and 31-34; and

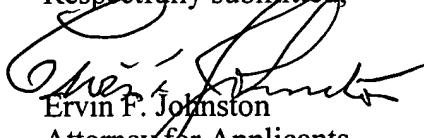
Embodiment III (Fif. 12): Claims 1, 3-10, 15-20 and 25-30.

As further required by the Examiner the Applicant elects Embodiment I claims 1, 2, 4-10, 15-20 and 25-30 without traverse.

Please note the new phone numbers hereinbelow.

Should the Examiner have any questions regarding this document he is respectfully requested to contact the undersigned.

Respectfully submitted,


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